

Storm Data and Unusual Weather Phenomena - December 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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IOWA, Northeast

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

12/08/09 03:00 CST	0	Blizzard
12/09/09 15:30 CST	0	

(IA-Z011) ALLAMAKEE

12/08/09 03:00 CST	0	Winter Storm
12/09/09 15:30 CST	0	

A large winter storm, producing heavy snow and strong winds, affected northeast Iowa from December 8 through December 9. As the storm system approached, it strengthened and produced strong northwest winds that gusted to 45 mph at times, leading to significant drifting and blowing snow. Visibilities were reduced to near zero in many locations, especially in open country, where blizzard conditions prevailed. Snow drifts of 4 to 6 feet were common by the morning of December 9, with numerous roads nearly impassable. Snow plows had difficulty keeping roads open, especially in rural areas. Highest snowfall totals were between 10 and 15 inches. Specific reports from weather observers included 14.5 inches at Strawberry Point (Clayton County), 14.0 inches at Oelwein (Fayette County) and 13.5 inches at Millville (Clayton County).

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

12/10/09 00:00 CST	0	Cold/Wind Chill
12/10/09 11:00 CST	0	

Strong winds and plummeting temperatures combined to create wind chills of 20 below to 30 below on December 10 in the wake of a large winter storm.

(IA-Z030) CLAYTON

12/23/09 15:00 CST	0	Winter Storm
12/25/09 16:00 CST	0	

A winter storm impacted portions of northeast Iowa starting on December 23rd, continuing through the Christmas holiday. Unlike the December 8 through 9 storm, this system was able to bring a surge of warmer air into the area, which produced a variety of precipitation types, including rain, freezing rain, snow and sleet. From December 23 through December 26, rainfall amounts totaled 1 to 2 inches. During the same time period, snowfall accumulations were mainly 2 to 5 inches, with the highest amount of 5.5 inches reported at Cresco (Howard County). Highest ice accumulations were around a quarter of an inch.

MINNESOTA, Southeast

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE

12/08/09 04:00 CST	0	Blizzard
12/09/09 15:30 CST	0	

(MN-Z096) HOUSTON

12/08/09 04:00 CST	0	Winter Storm
12/09/09 15:30 CST	0	

A large winter storm, with heavy snow and strong winds, affected southeast Minnesota from December 8 through December 9. As the storm system approached, it strengthened and produced strong northwest winds that gusted to 45 mph at times, leading to significant drifting and blowing snow. Visibilities were reduced to near zero in many locations, especially in open country, where blizzard conditions prevailed. Snow drifts of 4 to 6 feet were common by the morning of December 9, with numerous roads nearly impassable. Snow plows had difficulty keeping roads open, especially in rural areas. Highest snowfall totals were between 12 and 17 inches. Specific reports from weather observers included 16.5 inches at Rushford (Fillmore County), 16.3 inches at both Dakota and Minnesota City (Winona County) and 14.0 inches near Caledonia (Houston County).

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON

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	12/10/09 00:00 CST		0	Cold/Wind Chill
	12/10/09 11:00 CST		0	

Strong winds and plummeting temperatures combined to create wind chills of 20 below to 30 below on December 10 in the wake of a large winter storm.

(MN-Z087) OLMSTED, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON

12/23/09 16:00 CST		0	Winter Storm
12/25/09 16:00 CST		0	

A winter storm impacted portions of southeast Minnesota starting on December 23rd, continuing through the Christmas holiday. Unlike the December 8 through 9 storm, this system was able to bring a surge of warmer air into the area, which produced a variety of precipitation types, including rain, freezing rain, snow and sleet. From December 23 through December 26, rainfall amounts totaled 1 to 2 inches. During the same time period, snowfall accumulations were mainly 2 to 5 inches, although 6.8 inches was reported at Theilman (Wabasha County) and 6.5 inches at Grand Meadow (Mower County). Highest ice accumulations were around a quarter of an inch.

WISCONSIN, Southwest

(WI-Z017) TAYLOR, (WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND

12/08/09 03:30 CST		0	Winter Storm
12/09/09 15:30 CST	1	0	

(WI-Z061) GRANT

12/08/09 04:00 CST		0	Blizzard
12/09/09 15:30 CST		0	

A large winter storm, producing heavy snow and strong winds, affected southwest and central Wisconsin from December 8 through December 9. As the storm system approached, it strengthened and produced strong northwest winds that gusted to 45 mph at times, leading to significant drifting and blowing snow. Visibilities near zero were localized to ridge tops of southwest Wisconsin, where near blizzard conditions occurred. Snow drifts of 4 to 6 feet were common by the morning of December 9, with numerous roads nearly impassable. Snow plows had difficulty keeping roads open, especially in rural areas. Highest snowfall totals were between 12 and 18 inches. Specific reports from weather observers included 17.6 inches near Warrens (Monroe County), 17.0 inches at La Crosse (La Crosse County) and 16.3 inches at Holmen (La Crosse County).

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Snow piled up around the La Crosse National Weather Service on December 9th. Photo by Todd Shea, NOAA/NWS La Crosse.

(WI-Z017) TAYLOR, (WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPEALEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT				
	12/10/09 00:00 CST	0		Cold/Wind Chill
	12/10/09 11:00 CST	0		
Strong winds and plummeting temperatures combined to create wind chills of 20 below to 30 below on December 10 in the wake of a large winter storm.				
(WI-Z029) CLARK, (WI-Z034) JACKSON, (WI-Z053) VERNON, (WI-Z061) GRANT				
	12/23/09 14:55 CST	0		Winter Storm
	12/25/09 16:00 CST	0		

A winter storm impacted portions of southwest and central Wisconsin starting on December 23rd, continuing through the Christmas holiday. Unlike the December 8 through 9 storm, this system was able to bring a surge of warmer air into the area, which produced a variety of precipitation types, including rain, freezing rain, snow and sleet. From December 23 through December 26, rainfall amounts totaled 1 to 2 inches. During the same time period, snowfall accumulations were mainly 2 to 5 inches, although 6.0 inches was reported at Medford (Taylor County) and 6.7 inches at Hillsboro (Vernon County). Highest ice accumulations were around a quarter of an inch.